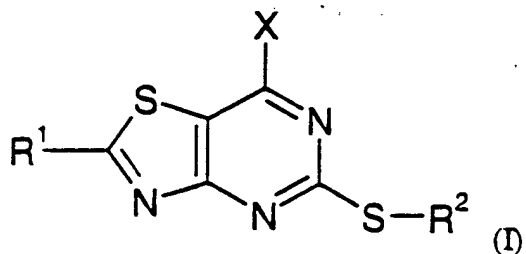


AMENDMENTS TO THE CLAIMS:

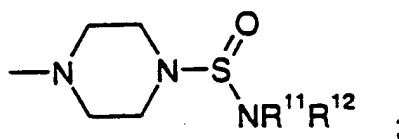
This listing of claims will replace all prior versions, and listings, of claims in the application:

1 (currently amended). A compound of general formula



wherein R¹ represents a hydrogen atom, or a group -NR³R⁴;

R³ and R⁴ each independently represent a hydrogen atom, or a 4-piperidinyl, C₃-C₆ cycloalkyl or C₁-C₈ alkyl group, which latter two groups ~~may be~~ are optionally substituted by one or more substituent groups independently selected from halogen atoms and -NR⁵R⁶, -CONR⁵R⁶, -OR⁷, -COOR⁷, -NR⁸COR⁹, -SR¹⁰, -SO₂R¹⁰, -SO₂NR⁵R⁶, -NR⁸SO₂R⁹, morpholinyl, C₁-C₄ alkyl, C₃-C₆ cycloalkyl, tetrahydrofuranyl and aryl groups, wherein an aryl substituent group ~~may be~~ is optionally a phenyl, naphthyl, thienyl, pyridinyl, imidazolyl or indolyl group, each of which ~~may be~~ is optionally substituted by one or more substituents independently selected from halogen atoms and cyano, nitro, -NR⁵R⁶, -CONR⁵R⁶, -OR⁷, -NR⁸COR⁹, -SO₂NR⁵R⁶, -NR⁸SO₂R⁹, C₁-C₆ alkyl and trifluoromethyl groups, or R³ and R⁴ together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring system, which ring system ~~may be~~ is optionally substituted by one or more substituent groups independently selected from



$\text{-NR}^5\text{R}^6$, $\text{-CONR}^5\text{R}^6$, -OR^7 , -COOR^{10} , $\text{-NR}^8\text{COR}^9$, and $\text{C}_1\text{-C}_6$ alkyl optionally substituted by one or more substituents independently selected from halogen atoms and $\text{-NR}^{11}\text{R}^{12}$ and -OR^7 groups;

X represents a group -OH or $\text{-NR}^{13}\text{R}^{14}$;

R^{13} and R^{14} each independently represent a hydrogen atom, a 4-piperidinyl group optionally substituted by a $\text{C}_1\text{-C}_4$ alkylphenyl substituent group, or a $\text{C}_3\text{-C}_7$ carbocyclic, $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_2\text{-C}_6$ alkenyl or $\text{C}_2\text{-C}_6$ alkynyl group, which latter four groups ~~may be~~ are optionally substituted by one or more substituent groups independently selected from halogen atoms and $\text{-NR}^5\text{R}^6$, $\text{-CONR}^5\text{R}^6$, -OR^7 , -COOR^7 , $\text{-NR}^8\text{COR}^9$, -SR^{10} , $\text{-SO}_2\text{R}^{10}$, $\text{-SO}_2\text{NR}^5\text{R}^6$, $\text{-NR}^8\text{SO}_2\text{R}^9$, morpholinyl, $\text{C}_1\text{-C}_4$ alkyl, $\text{C}_3\text{-C}_6$ cycloalkyl and aryl groups, wherein an aryl substituent group ~~may be~~ is optionally a phenyl, naphthyl, thienyl, pyridinyl, imidazolyl or indolyl group, each of which ~~may be~~ is optionally substituted by one or more substituents independently selected from halogen atoms and cyano, nitro, $\text{-NR}^5\text{R}^6$, $\text{-CONR}^5\text{R}^6$, -OR^7 , $\text{-NR}^8\text{COR}^9$, $\text{-SO}_2\text{NR}^5\text{R}^6$, $\text{NR}^8\text{SO}_2\text{R}^9$, $\text{C}_1\text{-C}_6$ alkyl and trifluoromethyl groups,

or R^{13} and R^{14} together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring system, which ring system ~~may be~~ is optionally substituted by one or more substituent groups independently selected from $\text{-NR}^5\text{R}^6$, $\text{-CONR}^5\text{R}^6$, -OR^7 , -COOR^7 , $\text{-NR}^8\text{COR}^9$, and $\text{C}_1\text{-C}_6$ alkyl optionally substituted by

one or more substituents independently selected from halogen atoms and phenyl, -NR¹¹R¹² and -OR⁷ groups;

R² represents a C₁-C₆ alkyl or C₂-C₆ alkenyl group optionally substituted by a phenyl or phenoxy group, wherein the phenyl or phenoxy group ~~may itself be~~ is itself optionally substituted by one or more substituents independently selected from halogen atoms and nitro, C₁-C₆ alkyl, trifluoromethyl, -OR⁷, -C(O)R⁷, -SR¹⁰, -NR¹⁵R¹⁶ and phenyl groups; R⁵ and R⁶ each independently represent a hydrogen atom or a C₁-C₆ alkyl or phenyl group, each of which ~~may be~~ is optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl, -OR¹⁷ and -NR¹⁵R¹⁶, or R⁵ and R⁶ together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring system optionally comprising a further heteroatom selected from oxygen and nitrogen atoms, which ring system ~~may be~~ is optionally substituted by one or more substituent groups independently selected from phenyl, -OR¹⁷, -COOR¹⁷, -NR¹⁵R¹⁶, -CONR¹⁵R¹⁶, -NR¹⁵COR¹⁶, -SONR¹⁵R¹⁶, and C₁-C₆ alkyl optionally substituted by one or more substituents independently selected from halogen atoms and -NR¹⁵R¹⁶ and -OR¹⁷ groups;

R⁷ and R⁹ each independently represent a hydrogen atom or a C₁-C₆ alkyl or phenyl group, each of which ~~may be~~ is optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl, -OR¹⁷ and -NR¹⁵R¹⁶; and each of R⁸, R¹⁰, R¹¹, R¹², R¹⁵, R¹⁶ and R¹⁷ independently represents a hydrogen atom or a C₁-C₆ alkyl or phenyl group; with the proviso that when R¹ and X both represent -NH₂, then R² does not represent a methyl group;
or a pharmaceutically acceptable salt or solvate or tautomer thereof.

2 (original). A compound according to claim 1, wherein R¹ represents a group - NR³R⁴.

3 (currently amended). A compound according to claim 1, wherein R³ and R⁴ each independently represent a hydrogen atom, or a 4-piperidiny, C₃-C₆ cycloalkyl or C₁-C₆ alkyl group, which latter two groups ~~may be~~ is optionally substituted by one, two, three or four substituent groups independently selected from halogen atoms and -NR⁵R⁶, -CONR⁵R⁶, -OR⁷ -COOR⁷, -NR⁸COR⁹, -SR¹⁰, -SO₂R¹⁰, -SO₂NR⁵R⁶, -NR⁸SO₂R⁹, morpholinyl, C₁-C₄ alkyl, C₃-C₆ cycloalkyl, tetrahydrofuranyl and aryl groups, wherein an aryl substituent group ~~may be~~ is optionally a phenyl, naphthyl, thienyl, pyridinyl, imidazolyl or indolyl group, each of which ~~may be~~ is optionally substituted by one, two, three or four substituents independently selected from halogen atoms and cyano, nitro, -NR⁵R⁶, -CONR⁵R⁶ -OR⁷, -NR⁸COR⁹, -SO₂NR⁵R⁶, -NR⁸SO₂R⁹, C₁-C₄ alkyl and trifluoromethyl groups.

4 (currently amended). A compound according to claim 1, wherein R² represents a C₁-C₆ alkyl or C₂-C₆ alkenyl group optionally substituted by a phenyl or phenoxy group, wherein the phenyl or phenoxy group ~~may itself~~ is itself be optionally substituted by one, two, three or four substituents independently selected from halogen atoms and nitro, C₁-C₄ alkyl, trifluoromethyl, -OR⁷, -C(O)R⁷, -SR¹⁰, -NR¹⁵R¹⁶ and phenyl.

5 (currently amended). A compound according to claim 1, wherein X

represents $-NR^{13}R^{14}$ and R^{13} and R^{14} each independently represent a hydrogen atom, a 4-piperidinyl group optionally substituted by a C_1 - C_4 alkylphenyl substituent group, or a C_3 - C_7 carbocyclic, C_1 - C_6 alkyl, C_2 - C_6 alkenyl or C_2 - C_6 alkynyl group, which latter four groups ~~may be~~ is optionally substituted by one, two, three or four substituent groups independently selected from halogen atoms and $-NR^5R^6$, $-CONR^5R^6$, $-OR^7$, $-COOR^7$, $-NR^8COR^9$, $-SR^{10}$, $-SO_2R^{10}$, $-SO_2NR^5R^6$, $-NR^8SO_2R^9$, morpholinyl, C_1 - C_4 alkyl, C_3 - C_6 cycloalkyl and aryl groups, wherein an aryl substituent group ~~may be~~ is optionally a phenyl, naphthyl, thienyl, pyridinyl, imidazolyl or indolyl group, each of which ~~may be~~ is optionally substituted by one, two, three or four substituents independently selected from halogen atoms and cyano, nitro, $-NR^5R^6$, $-CONR^5R^6$, $-OR^7$, $-NR^8COR^9$, $-SO_2NR^5R^6$, $-NR^8SO_2R^9$, C_1 - C_4 alkyl and trifluoromethyl groups.

6 (currently amended). A compound according to claim 1 being selected from:

(2*R*)-2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,
(*S*)-2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,
2-Amino-5-[[2-(3,4-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
5-[[2-(3-Phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[2-(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
(±)-2-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,
2-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethanol,
5-(Pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[[3-(Dimethylamino)propyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[[2-(Diethylamino)ethyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[[2-(Dimethylamino)ethyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[[3-Hydroxypropyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[[2-(Acetylamino)ethyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
(±)-2-[(2,3-Dihydroxypropyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[[2-(4-Morpholinyl)ethyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[(2-Methoxyethyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[(1-Methylethyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-(Cyclopropylamino)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
(±)-2-[(2-Hydroxypropyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[(2-Hydroxy-2-methylpropyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[(2-Hydroxyethyl)amino]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
(2*S*,3*R*)-3-Hydroxy-2-[(7-oxo-5-(pentylthio)-4*H*-thiazolo[4,5-*d*]pyrimidin-2-yl)-
amino)butanamide, and their pharmaceutically acceptable salts and solvates.

~~*N*⁷-[3-(Dimethylamino)propyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine;~~

~~*N*⁷-[2-(Diethylamino)ethyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine;~~

~~*N*⁷-[2-(Dimethylamino)ethyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine;~~

~~3-[(2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-1-propanol;~~

~~*N*⁷-Cyclohexyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine;~~

~~(±)-3-[(2-Amino-5-((phenylmethyl)thio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-1,2-~~

propanediol,

*N*⁷-(2-Methoxyethyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

5-(Pentylthio)-*N*⁷-propylthiazolo[4,5-*d*]pyrimidine-2,7-diamine,

*N*⁷-Cyclopentyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

*N*⁷-Cyclopropyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

*N*⁷-(2-Methylpropyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

(±)-1-[(2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-2-propanol,

(*exo*)-*N*⁷-Bicyclo[2.2.1]hept-2-yl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

2-[2-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethoxy]ethanol,

(±)-*N*⁷-(2-Methylbutyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

1-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-2-propanol,

*N*⁷-[(2-Aminophenyl)methyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

2-Amino-5-[(2-phenoxyethyl)thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

(*E*)-2-Amino-5-[(3-phenyl-2-propenyl)thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-Amino-5-[[3-[2,4-bis(1,1-dimethylethyl)phenoxy]propyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-Amino-5-[[[(4-trifluoromethyl)phenyl]methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-Amino-5-[[[(3,5-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-Amino-5-[[[(2,4-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-Amino-5-[[[(3,4-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-Amino-5-~~[[[(3,5-dibromophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(2-nitrophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(2-fluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(2-iodophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(3-chlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(2-chlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(4-chloro-2-nitrophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(3-chloro-4-methoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(2,3-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(3,5-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(2,4-bis(trifluoromethyl)phenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(2-bromophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(2,3,4-trifluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(3-bromophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

2-Amino-5-~~[[[(2-fluoro-3-methylphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

3-~~[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2,2-dimethyl-1-propanol,~~

(±)-~~α-[[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]methyl]benzenemethanol,~~

~~(R)-β-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]benzenepropanol,~~

~~2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]ethanol,~~

~~(2R)-2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]4-methylpentanol,~~

~~(±)-1-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-propanol,~~

~~(±)-β-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-4-chlorobenzenepropanol,~~

~~(±)-3-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1,2-propanediol,~~

~~2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]propylamino]ethanol,~~

~~(±)-1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]-3-pyrrolidinol,~~

~~(±)-1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]-3-piperidinol,~~

~~1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]-4-piperidinol,~~

~~3-[[2-Amino-5-[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2,2-dimethyl-1-propanol,~~

~~(±)-2-[[2-Amino-5-[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-butanol,~~

~~(±)-α-[[[2-Amino-5-[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-amino]methyl]benzenemethanol,~~

4-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-butanol,
6-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-hexanol,
4-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-amino]cyclohexanol,
(*R*)-β-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-amino]benzenopropanol,
(±)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-propanol,
2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-amino]ethanol,
(2*R*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-amino]-4-methylpentanol,
(±)-1-Amino-3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-propanol,
(±)-1-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo(4,5-d]pyrimidin-7-yl]amino]-2-propanol,
2-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]methyl]-2-ethyl-1,3-propanediol,
(±)-β-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-4-chlorobenzenopropanol,

(±)-3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1,2-propanediol,
2-[[2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]ethyl]amino]ethanol,
3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-propanol,
(±)-α-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]methyl]-3,4-dichlorobenzenepropanol,
1-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-methyl-2-propanol,
2-[2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]ethoxy]ethanol,
5-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-pentanol,
(2S)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-4-(methylthio)-1-butanol,
2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]butylamino]ethanol,
2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]propylamino]ethanol,
2,2'-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo(4,5-d]pyrimidin-7-yl]imino]bisethanol,
2-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]-(2-

~~hydroxyethyl)amino]methyl]phenol,~~

~~3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-(2-hydroxyethyl)amino]-1-propanol,~~

~~(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-pyrrolidinol,~~

~~(*trans*)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-hydroxy-*L*-proline phenylmethyl ester,~~

~~(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinomethanol,~~

~~(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinol,~~

~~(2*S*)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-2-pyrrolidinomethanol,~~

~~1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo(4,5-*d*]pyrimidin-7-yl]-4-piperidinol,~~

~~(2*R*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

~~(2*S*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

~~(2*R*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

~~2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1,3-propanediol,~~

~~2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-~~

~~methyl-1-propanol,~~

~~2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-~~

~~methyl-1-propanol,~~

~~1-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-
yl]amino]-2-methyl-2-propanol,~~

~~5-[(2,3-Difluorophenyl)methyl]thio]-*N*⁷-(2-fluoroethyl)thiazolo[4,5-*d*]pyrimidine-
2,7-diamine,~~

~~(1*R*-trans)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-cyclopentanol,~~

~~(1*S*-trans)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-cyclopentanol,~~

~~2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-
1-propanol,~~

~~2-Methyl-2-[[2-(methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-
yl]amino]-1-propanol,~~

~~2-[[2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[(phenylmethyl)amino]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,~~

~~5-[(2,3-Difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,~~

~~(±)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-
butanol,~~

~~(1*S*,2*S*)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-
yl]amino]-cyclohexanol,~~

~~(±)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-~~

~~1-propanol,~~

~~2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-ethanol,~~

~~(2*R*)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,~~

~~(±)-1-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,~~

~~2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1,3-propanediol,~~

~~1-[[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]methyl]-cyclohexanol,~~

~~(2*R*)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

~~2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-(2-aminoethyl)amino]-1-ethanol,~~

~~2-[2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethoxy]-1-ethanol,~~

~~(*αS*)-*α*-[(1*R*)-1-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]methylamino]ethyl]-benzenemethanol,~~

~~1-[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-piperidinol,~~

~~5-[(2,3-Difluorophenyl)methyl]thio]-*N*⁷-ethyl-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~5-[(2,3-Difluorophenyl)methyl]thio]-*N*⁷-(2-propenyl)-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~(1S,2S)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-phenyl-1,3-propanediol,~~

~~2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1,3-propanediol,~~

~~2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-ethanol,~~

~~(±)-5-[(2,3-Difluorophenyl)methyl]thio]-N⁷-(2-methoxy-1-methylethyl)-thiazolo[4,5-d]pyrimidine-2,7-diamine,~~

~~N⁷-Cyclopropyl-5-[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-d]pyrimidine-2,7-diamine,~~

~~(±)-2-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-propanol,~~

~~4-[[2-Amino-5-[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-butanol,~~

~~5-[(2,3-Difluorophenyl)methyl]thio]-N⁷-[2-(1H-imidazol-4-yl)ethyl]-thiazolo[4,5-d]pyrimidine-2,7-diamine,~~

~~(±)-N-[5-[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-dimethylethyl)amino]thiazolo[4,5-d]pyrimidin-2-yl]-serine, methyl ester,~~

~~2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[(1-methylethyl)amino]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,~~

~~2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-(ethylamino)thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,~~

~~2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(1H-indol-3-yl)ethyl]amino]thiazolo[4,5-~~

~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1-naphthalenylmethyl)amino]thiazolo[4,5-
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1,2-diphenylethyl)amino]thiazolo[4,5-
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(2,2,2-trifluoroethyl)amino]thiazolo[4,5-
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[[(3,4,5-
trimethoxyphenyl)methyl]amino]thiazolo[4,5-~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-
propanol,
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1,1-dimethylethyl)amino]thiazolo[4,5-
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(4-methylcyclohexyl)amino]thiazolo[4,5-
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,
2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-
dimethylethyl)amino]thiazolo[4,5-~~d~~[pyrimidin-2-yl]amino]-acetamide,
2-[[2-[[2-(4-Aminophenyl)ethyl]amino]-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-
~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol, 2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(2-
fluoroethyl)amino]thiazolo[4,5-~~d~~[pyrimidin-7-yl]amino]-2-methyl-1-propanol,
2-[[2-(Cyclopropylamino)-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-~~d~~[pyrimidin-7-
yl]amino]-2-methyl-1-propanol,

(±)-2-[[5-[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-dimethylethyl)amino]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-1-pentanol,
2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-hydroxyethoxy)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,
N-[5-[(2,3-Difluorophenyl)methyl]thio]-6,7-dihydro-7-*exo*-thiazolo[4,5-*d*]pyrimidin-2-yl]-DL-serine, methyl ester,
5-[(2,3-Difluorophenyl)methyl]thio]-2-[(1-methylethyl)amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(1*H*-indol-3-yl)ethyl]amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[[5-[(2,3-Difluorophenyl)methyl]thio]-6,7-dihydro-7-*exo*-thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-acetamide,
2-[[2-(4-Aminophenyl)ethyl]amino]-5-[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
5-[(2,3-Difluorophenyl)methyl]thio]-2-[(2-fluoroethyl)amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-hydroxyethoxy)ethyl]amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-[[2-(Cyclohexylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,
2-[[2-[(1,1-Dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,
N-[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d]pyrimidin-2-yl]-DL-alanine, methyl ester,~~
~~4-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~
~~d]pyrimidin-2-yl]amino]-cyclohexanol,~~
~~2-Methyl-2-[[2-[(4-phenylbutyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-~~
~~yl]amino]-1-propanol,~~
~~2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-~~
~~d]pyrimidin-7-yl]amino]-1-propanol,~~
~~2-Methyl-2-[[2-[(1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-~~
~~yl]amino]-1-propanol,~~
~~2-[[2-[[2-(4-Aminophenyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-~~
~~yl]amino]-2-methyl-1-propanol,~~
~~N-[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~
~~d]pyrimidin-2-yl]-L-valine, ethyl ester,~~
~~(2S)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~
~~d]pyrimidin-2-yl]amino]-4-methyl-pentanamide,~~
~~2-Methyl-2-[[2-[(2-phenylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-~~
~~yl]amino]-1-propanol,~~
~~2-[[2-[[4-Aminophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-~~
~~yl]amino]-2-methyl-1-propanol,~~
~~2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-d]pyrimidin-~~
~~7-yl]amino]-1-propanol,~~
~~2-[[2-[(2-Fluoroethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-2-~~
~~methyl-1-propanol,~~

2-Methyl-2-[[2-[[[(3-nitrophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-1-propanol,
(αR)- α -[(1*S*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-
[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-2-yl]amino]ethyl]-benzenemethanol,
2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[[(3,4,5-
trimethoxyphenyl)methyl]amino]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-propanol,
2-Methyl-2-[[2-[(1*R*-trans)-(2-phenylcyclopropyl)amino]-5-
[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-propanol,
2-[[2-[[2-(1*H*-Indol-3-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-
yl]amino]-2-methyl-1-propanol,
2-[[2-[(1,1-Dimethylpropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-
yl]amino]-2-methyl-1-propanol,
(\pm)-2-Methyl-2-[[2-[(1-methylbutyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-
7-yl]amino]-1-propanol,
(\pm)-2-Methyl-2-[[2-[(1-methylhexyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-
7-yl]amino]-1-propanol,
2-[[2-[[2-(2-Aminophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-
yl]amino]-2-methyl-1-propanol,
2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-
d]pyrimidin-2-yl]amino]-1,3-propanediol,
2-[[2-[[2-(Ethylthio)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-7-
yl]amino]-2-methyl-1-propanol,
(2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d]pyrimidin-2-yl]amino]-3,3-dimethyl-1-butanol,~~
~~(α S)- α -[(1*R*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-~~
~~[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-2-methoxyethyl]-~~
~~benzenomethanol,~~
~~2-[[2-(Ethylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-~~
~~propanol,~~
~~2-[[2-[[[3-Fluoro-5-(trifluoromethyl)phenyl]methyl]amino]-5-~~
~~[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,~~
~~(\pm)-2-Methyl-2-[[2-[(1-methylpropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~
~~*d*]pyrimidin-7-yl]amino]-1-propanol,~~
~~2-[[2-[[[4-Methoxyphenyl]methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-~~
~~yl]amino]-2-methyl-1-propanol,~~
~~2-[[2-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-~~
~~2-methyl-1-propanol,~~
~~2-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-~~
~~yl]amino]-2-methyl-1-propanol,~~
~~2-[[2-[(Diphenylmethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-~~
~~2-methyl-1-propanol,~~
~~(2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo(4,5-~~
~~*d*]pyrimidin-2-yl]amino]-1-butanol,~~
~~2-[[2-[(2,2-Diethoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-~~
~~yl]amino]-2-methyl-1-propanol,~~
~~4-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~

d]pyrimidin-2-yl]amino]-1-butanol,

(1*S*,2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

d]pyrimidin-2-yl]amino]-cyclohexanol,

(\pm)-2-[[2-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5- d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(\pm)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

d]pyrimidin-2-yl]amino]-1-pentanol,

2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

d]pyrimidin-2-yl]amino]-acetamide,

(\pm)-2-[[2-[[1-(4-Fluorophenyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5- d]pyrimidin-7-yl]amino]-2-methyl-propanol,

(1*R*,2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

d]pyrimidin-2-yl]amino]-cyclohexanol,

(α *S*)- α [(1*R*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-

[(phenylmethyl)thio]thiazolo[4,5- d]pyrimidin-2-yl]amino]ethyl]-benzenemethanol,

(\pm)-2-[[2-(Methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5- d]pyrimidin-7-yl]amino]-1-propanol,

(2*R*)-4-Methyl-2-[[2-(methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5- d]pyrimidin-7-yl]amino]-1-pentanol,

N-[2-(Methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5- d]pyrimidin-7-yl]-L-serine, ethyl ester,

(±)-2-[[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-1-butanol,

(±)-2-[[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-1-propanol,

(2*R*)-4-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[[(tetrahydro-2-
furanyl)methyl]amino]thiazolo[4,5-d]pyrimidin-7-yl]amino]-1-pentanol,

N-[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-
d]pyrimidin-7-yl]-L-serine, ethyl ester,

(±)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-1-propanol,

(±)-4-[2-[[7-[[1-(Hydroxymethyl)propyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-
d]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,

(±)-4-[2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-
d]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,

4-[2-[[7-[[1*R*]-1-(Hydroxymethyl)-3-methylbutyl]amino]-5-
[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,

(±)-4-[2-[[7-[(2-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidin-2-
yl]amino]ethyl]-benzenesulfonamide,

*N*⁷-Ethyl-*N*²-[2-(1*H*-imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]thiazolo[4,5-d]pyrimidine-
2,7-diamine,

*N*²-[2-(1*H*-imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]-*N*⁷-(3-pyridinylmethyl)-thiazolo[4,5-
d]pyrimidine-2,7-diamine,

(±)-2-[[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d~~[pyrimidin-7-yl]amino]-1-butanol,

(±)-2-[[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d~~[pyrimidin-7-yl]amino]-1-propanol,

(2*R*)-2-[[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d~~[pyrimidin-7-yl]amino]-4-methyl-1-pentanol,

(±)-1-[[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-

~~d~~[pyrimidin-7-yl]amino]-2-propanol,

5-[[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d~~[pyrimidin-7-yl]amino]-1-pentanol,

1-[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d~~[pyrimidin-7-yl]-4-(phenylmethyl)-4-piperidinol,

(±)-1-[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d~~[pyrimidin-7-yl]-3-piperidinecarboxamide,

2-[Ethyl[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~d~~[pyrimidin-7-yl]amino]-1-ethanol,

*N*²-[2-(1*H*-imidazol-4-yl)ethyl]-*N*⁷,*N*⁷-dimethyl-5-[(phenylmethyl)thio]-thiazolo[4,5-~~d~~[pyrimidine-2,7-diamine,

*N*⁷-[2-(Diethylamino)ethyl]-*N*⁷-ethyl-*N*²-[2-(1*H*-imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]-thiazolo[4,5-~~d~~[pyrimidine-2,7-diamine,

*N*²-(2-Phenoxyethyl)-5-[(phenylmethyl)thio]-*N*⁷-(3-pyridinylmethyl)-thiazolo[4,5-~~d~~[pyrimidine-2,7-diamine,

*N*²-(2-Phenoxyethyl)-*N*⁷-[1-(phenylmethyl)-4-piperidinyl]-5-[(phenylmethyl)thio]-thiazolo[4,5-~~d~~[pyrimidine-2,7-diamine,

~~2-Methyl-2-[[2-[(2-phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,~~

~~(±)-2-[[2-[(2-Phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,~~

~~(±)-4-Methyl-2-[[2-[(2-phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol,~~

~~1-[2-[(2-Phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-(phenylmethyl)-4-piperidinol,~~

~~2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

~~2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo(4,5-*d*]pyrimidin-7-yl] amino]-1-propanol,~~

~~(2*R*)-2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,~~

~~N-[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester,~~

~~(2*R*)-2-[[2-[[1-(Hydroxymethyl)butyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,~~

~~N-[2-[[1-(Hydroxymethyl)butyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester,~~

~~(±)-2-[[7-[Cyclohexyl(2-hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-1-pentanol,~~

~~2-[2-[[7-(Ethylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethoxy]-1-~~

ethanol,

2-[2-[[7-[(1-Methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethoxy]-1-ethanol,

(±)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(2*R*)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo(4,5-*d*]pyrimidin-7-yl]amino]4-methyl-1-pentanol,

2-[Cyclohexyl-2-[[2-(2-hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-ethanol,

(±)-2-[[5-[(Phenylmethyl)thio]-2-(4-piperidinylamino)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

(±)-*N*-[2-[[7-[[1-(Hydroxymethyl)propyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,

(±)-*N*-[2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,

N-[2-[[7-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,

N-[2-[[7-[[[(1*R*)-1-(Hydroxymethyl)-3-methylbutyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,

*N*⁷-(2-Methoxyethyl)-5-[(phenylmethyl)thio]-*N*²-[2-(2-thienyl)ethyl]thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

~~*N*⁷-(2-Ethoxyethyl)-5-[(phenylmethyl)thio]-*N*²-[2-(2-thienyl)ethyl]thiazolo[4,5-*d*]pyrimidine-2,7-diamine,~~

~~*N*⁷-(2,2-Dimethylpropyl)-5-[(phenylmethyl)thio]-*N*²-[2-(2-thienyl)ethyl]thiazolo(4,5-*d*]pyrimidine-2,7-diamine,~~

~~(2*R*)-4-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol,~~

~~(±)-1-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,~~

~~(±)-2-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

~~(±)-2-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,~~

~~(2*R*)-2-[[2-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo(4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,~~

~~(±)-*N,N*-Diethyl-1-[2-[(2-hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinecarboxamide,~~

~~(2*R*)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,~~

~~(±)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,~~

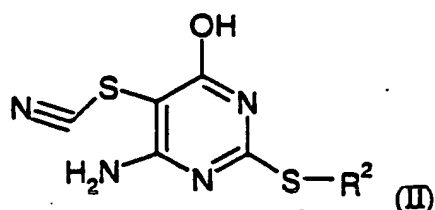
~~(±)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,~~

~~2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-~~

~~yl]-amino-acetamide,~~
~~4-[1-[7-[(4-Methylcyclohexyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]-~~
~~3-azetidiny]-1-piperazinesulfonamide,~~
~~3-[[2-[[2-(4-Morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-~~
~~yl]amino]-1-propanol,~~
~~2-Methyl-2-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-~~
~~*d*]pyrimidin-7-yl]amino]-1-propanol,~~
~~(±)-2-[[2-[[2-(4-Morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-~~
~~yl]amino]-1-propanol,~~
~~(2*R*)-4-Methyl-2-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo(4,5-~~
~~*d*]pyrimidin-7-yl]amino]-1-pentanol,~~
~~2-[[2-(3,4-Dihydroxyphenyl)ethyl]amino]-5-[(phenylmethyl)thio]-thiazolo[4,5-*d*]pyrimidin-~~
~~7(4*H*)-one,~~
~~(±)-2-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethy)thio]-thiazolo[4,5-*d*]pyrimidin-~~
~~7(4*H*)-one,~~
~~and their pharmaceutically acceptable salts and solvates.~~

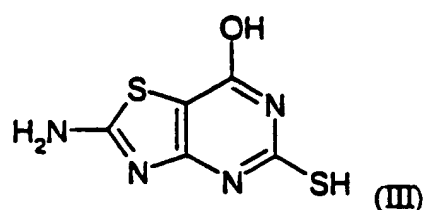
7 (original). A process for the preparation of a compound of formula (I) as defined in claim 1 which comprises:

(a) when X represents -OH and R¹ is NH₂, heating a compound of general formula



wherein R^2 is as defined in formula (I); or

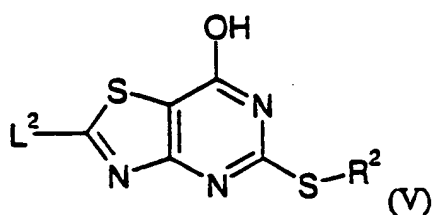
(b) when X represents -OH and R^1 is NH_2 , reacting a compound of formula



with a compound of general formula (IV), $R^2 - L^1$, wherein L^1 represents a leaving group and R^2 is as defined in formula (I); or

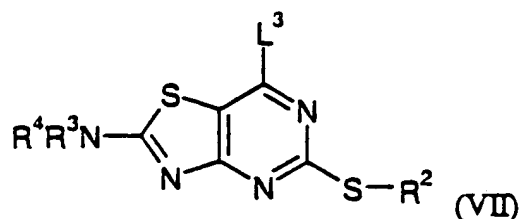
(c) when X represents -OH or $-NR^{13}R^{14}$ and R^1 is a hydrogen atom, reacting a corresponding compound of formula (I) in which R^1 is NH_2 , with a diazotizing agent; or

(d) when X represents -OH and R^1 is a group $-NR^3R^4$, reacting a compound of general formula



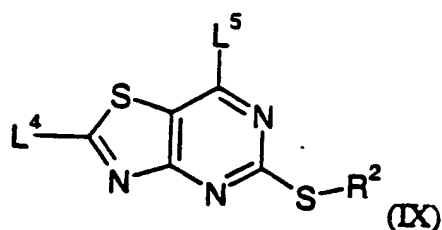
wherein L^2 represents a leaving group and R^2 is as defined in formula (I), with a compound of general formula (VI), R^3R^4NH , wherein R^3 and R^4 are as defined in formula (1); or

(e) when X represents $-NR^{13}R^{14}$ and R^1 represents $-NR^3R^4$, reacting a compound of general formula



wherein L^3 represents a leaving group and R^2 , R^3 and R^4 are as defined in formula (I), with a compound of general formula (VIII), $NHR^{13}R^{14}$, wherein R^{13} and R^{14} are as defined in formula (I); or

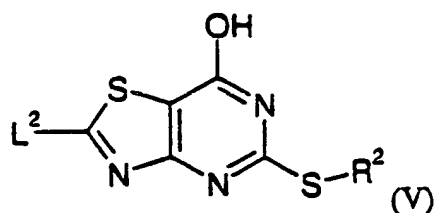
(f) when X represents $-NR^{13}R^{14}$ and R^1 represents $-NR^3R^4$, reacting a compound of general formula



wherein L^4 is a leaving group, L^5 is a leaving group and R^2 is as defined in formula (I), initially with a compound of formula (VI) as defined in (d) above followed by reaction with a compound of formula (VIII) as defined in (e) above;

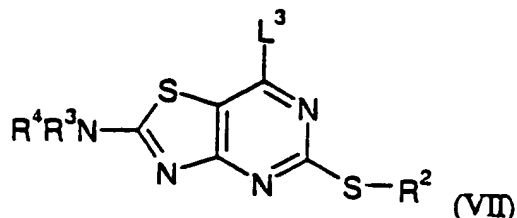
and optionally after (a), (b), (c), (d), (e) or (f) forming a pharmaceutically acceptable salt or solvate of the compound of formula (I).

8 (currently amended). An intermediate compound of formula (V).



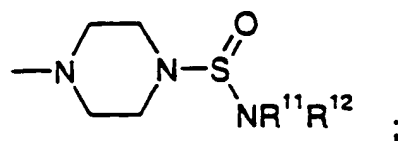
wherein L^2 represents a ~~leaving group~~ halogen and R^2 represents a C₁-C₆ alkyl or C₂-C₆ alkenyl group optionally substituted by a phenyl or phenoxy group, wherein the phenyl or phenoxy group ~~may itself be~~ is itself optionally substituted by one or more substituents independently selected from halogen atoms and nitro, C₁-C₆ alkyl, trifluoromethyl, -OR⁷, C(O)R⁷, -SR¹⁰, -NR¹⁵R¹⁶ and phenyl groups, wherein R⁷ is a hydrogen atom or a C₁-C₆ alkyl or phenyl group which ~~may be~~ is optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl, -OR¹⁷ and -NR¹⁵R¹⁶, wherein each of R¹⁰, R¹⁵, R¹⁶, and R¹⁷ independently represent a hydrogen atom or a C₁-C₆ alkyl or phenyl group.

9 (currently amended). An intermediate compound of formula (VII)



wherein L^3 represents a ~~leaving group~~ halogen, R^2 represents a C₁-C₆ alkyl or C₂-C₆ alkenyl group optionally substituted by a phenyl or phenoxy group, wherein the phenyl or phenoxy group ~~may itself be~~ is itself optionally substituted by one or more

substituents independently selected from halogen atoms and nitro, C₁-C₆ alkyl, trifluoromethyl, -OR⁷, C(O)R⁷, -SR¹⁰, -NR¹⁵R¹⁶ and phenyl groups, wherein R⁷ is a hydrogen atom or a C₁-C₆ alkyl or phenyl group which ~~may be~~ is optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl, -OR¹⁷ and -NR¹⁵R¹⁶, wherein each of R¹⁰, R¹⁵, R¹⁶, and R¹⁷ independently represent a hydrogen atom or a C₁-C₆ alkyl or phenyl group, and R³ and R⁴ each independently represent a hydrogen atom, or a 4-piperidiny, C₃-C₆ cycloalkyl or C₁-C₈ alkyl group, which latter two groups ~~may be~~ are optionally substituted by one or more substituent groups independently selected from halogen atoms and -NR⁵R⁶, -CONR⁵R⁶, -OR⁷, -COOR⁷, -NR⁸COR⁹, -SR¹⁰, -SO₂R¹⁰, -SO₂NR⁵R⁶, -NR⁸SO₂R⁹, morpholiny, C₁-C₄ alkyl, C₃-C₆ cycloalkyl, tetrahydrofuranyl and aryl groups, wherein an aryl substituent group may be a phenyl, naphthyl, thienyl, pyridiny, imidazolyl or indolyl group, each of which may be optionally substituted by one or more substituents independently selected from halogen atoms and cyano, nitro, -NR⁵R⁶, -CONR⁵R⁶, -OR⁷, -NR⁸COR⁹, -SO₂NR⁵R⁶, -NR⁸SO₂R⁹, C₁-C₆ alkyl and trifluoromethyl groups, or R³ and R⁴ together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring system, which ring system ~~may be~~ is optionally substituted by one or more substituent groups independently selected from

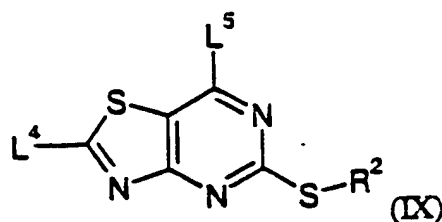


$-\text{NR}^5\text{R}^6$, $-\text{CONR}^5\text{R}^6$, $-\text{OR}^7$, $-\text{COOR}^{10}$, $-\text{NR}^8\text{COR}^9$, and $\text{C}_1\text{-C}_6$ alkyl optionally substituted by one or more substituents independently selected from halogen atoms and $-\text{NR}^{11}\text{R}^{12}$ and $-\text{OR}^7$ groups;

X represents a group $-\text{OH}$ or $-\text{NR}^{13}\text{R}^{14}$;

R^{13} and R^{14} each independently represent a hydrogen atom, a 4-piperidinyl group optionally substituted by a $\text{C}_1\text{-C}_4$ alkylphenyl substituent group, or a $\text{C}_3\text{-C}_7$ carbocyclic, $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_2\text{-C}_6$ alkenyl or $\text{C}_2\text{-C}_6$ alkynyl group, which latter four groups ~~may be~~ are optionally substituted by one or more substituent groups independently selected from halogen atoms and $-\text{NR}^5\text{R}^6$, $-\text{CONR}^5\text{R}^6$, $-\text{OR}^7$, $-\text{COOR}^7$, $-\text{NR}^8\text{COR}^9$, $-\text{SR}^{10}$, $-\text{SO}_2\text{R}^{10}$, $-\text{SO}_2\text{NR}^5\text{R}^6$, $-\text{NR}^8\text{SO}_2\text{R}^9$, morpholinyl, $\text{C}_1\text{-C}_4$ alkyl, $\text{C}_3\text{-C}_6$ cycloalkyl and aryl groups, wherein an aryl substituent group ~~may be~~ is optionally a phenyl, naphthyl, thienyl, pyridinyl, imidazolyl or indolyl group, each of which ~~may be~~ is optionally substituted by one or more substituents independently selected from halogen atoms and cyano, nitro, $-\text{NR}^5\text{R}^6$, $-\text{CONR}^5\text{R}^6$, $-\text{OR}^7$, $-\text{NR}^8\text{COR}^9$, $-\text{SO}_2\text{NR}^5\text{R}^6$, $\text{NR}^8\text{SO}_2\text{R}^9$, $\text{C}_1\text{-C}_6$ alkyl and trifluoromethyl groups,

or R^{13} and R^{14} together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring system, which ring system ~~may be~~ is optionally substituted by one or more substituent groups independently selected from $-\text{NR}^5\text{R}^6$, $-\text{CONR}^5\text{R}^6$, $-\text{OR}^7$, $-\text{COOR}^7$, $-\text{NR}^8\text{COR}^9$, and $\text{C}_1\text{-C}_6$ alkyl optionally substituted by one or more substituents independently selected from halogen atoms and phenyl, $-\text{NR}^{11}\text{R}^{12}$ and $-\text{OR}^7$ groups.



wherein L^4 is a ~~leaving group~~ halogen, L^5 is a ~~leaving group~~ halogen and R^2 represents a C_1 - C_6 alkyl or C_2 - C_6 alkenyl group optionally substituted by a phenyl or phenoxy group, wherein the phenyl or phenoxy group ~~may itself be~~ is itself optionally substituted by one or more substituents independently selected from halogen atoms and nitro, C_1 - C_6 alkyl, trifluoromethyl, $-OR^7$, $C(O)R^7$, $-SR^{10}$, $-NR^{15}R^{16}$ and phenyl groups, wherein R^7 is a hydrogen atom or a C_1 - C_6 alkyl or phenyl group which ~~may be~~ is optionally substituted by one or more substituent groups independently selected from halogen atoms, phenyl, $-OR^{17}$ and $-NR^{15}R^{16}$, wherein each of R^{10} , R^{15} , R^{16} , and R^{17} independently represent a hydrogen atom or a C_1 - C_6 alkyl or phenyl group.

11 (previously presented). A pharmaceutical composition comprising a compound of formula (I), or a pharmaceutically acceptable salt or solvate thereof, as claimed in claim 1 in association with a pharmaceutically acceptable adjuvant, diluent or carrier.

12 (currently amended). A process for the preparation of a pharmaceutical composition ~~as claimed in claim 11~~ comprising a compound of formula (I), or a pharmaceutically acceptable salt or solvate thereof, as claimed in claim 1 in association with a pharmaceutically acceptable adjuvant, diluent or carrier, which comprises mixing

a compound of formula (I), or a pharmaceutically acceptable salt or solvate thereof, as claimed in claim 1 with a pharmaceutically acceptable adjuvant, diluent or carrier.

13-14 (deleted)

15 (previously presented). A method of treating a chemokine mediated disease wherein the chemokine binds to a CXCR2 receptor, which comprises administering to a patient a therapeutically effective amount of a compound of formula (I), or a pharmaceutically acceptable salt or solvate thereof, as claimed in claim 1.

16 (previously presented). A method of treating an inflammatory disease in a patient suffering from, or at risk of, said disease, which comprises administering to the patient a therapeutically effective amount of a compound of formula (I), or a pharmaceutically acceptable salt or solvate thereof, as claimed in claim 1.

17 (original). A method according to claim 16, wherein the disease is psoriasis.

18 (new). A compound according to claim 1 being selected from:
*N*⁷-[3-(Dimethylamino)propyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
*N*⁷-[2-(Diethylamino)ethyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
*N*⁷-[2-(Dimethylamino)ethyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
3-[(2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-1-propanol,
*N*⁷-Cyclohexyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

(±)-3-[(2-Amino-5-((phenylmethyl)thio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-1,2-propanediol,
*N*⁷-(2-Methoxyethyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
5-(Pentylthio)-*N*⁷-propylthiazolo[4,5-*d*]pyrimidine-2,7-diamine,
*N*⁷-Cyclopentyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
*N*⁷-Cyclopropyl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
*N*⁷-(2-Methylpropyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
(±)-1-[(2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl)amino]-2-propanol,
(*exo*)-*N*⁷-Bicyclo[2.2.1]hept-2-yl-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
2-[2-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethoxy]ethanol,
(±)-*N*⁷-(2-Methylbutyl)-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
1-[[2-Amino-5-(pentylthio)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-2-propanol,
*N*⁷-[(2-Aminophenyl)methyl]-5-(pentylthio)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
2-Amino-5-[(2-phenoxyethyl)thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
(*E*)-2-Amino-5-[(3-phenyl-2-propenyl)thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[3-[2,4-bis(1,1-dimethylethyl)phenoxy]propyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one, and their pharmaceutically acceptable salts and solvates.

19 (new). A compound according to claim 1 being selected from:
2-Amino-5-[[[(3,5-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(2,4-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(3,4-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(3,5-dibromophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-Amino-5-[[[(2-nitrophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(2-fluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(2-iodophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(3-chlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(2-chlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(4-chloro-2-nitrophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(3-chloro-4-methoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(2,3-dichlorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(3,5-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(2,4-bis(trifluoromethyl)phenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
one,
2-Amino-5-[[[(2-bromophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(2,3,4-trifluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
and their pharmaceutically acceptable salts and solvates.

20 (new). A compound according to claim 1 being selected from:

2-Amino-5-[[[(3-bromophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
2-Amino-5-[[[(2-fluoro-3-methylphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
3-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2,2-dimethyl-1-propanol,
(±)-α-[[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]methyl]benzenemethanol,
(*R*)-β-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-

yl]amino]benzenepropanol,
2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl] amino]ethanol,
(2*R*)-2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]4-methylpentanol,
(±)-1-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,
(±)-β-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-chlorobenzenepropanol,
(±)-3-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1,2-propanediol,
2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]propylamino]ethanol,
(±)-1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-pyrrolidinol,
(±)-1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinol,
and their pharmaceutically acceptable salts and solvates.

21 (new). A compound according to claim 1 being selected from:

1-[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-piperidinol,
3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2,2-dimethyl-1-propanol,
(±)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,
(±)-α-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-amino]methyl]benzenemethanol,

4-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

6-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-hexanol,

4-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-amino]cyclohexanol,

(*R*)-β-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-amino]benzenepropanol,

(±)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-amino]ethanol,

(2*R*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-amino]-4-methylpentanol, and their pharmaceutically acceptable salts and solvates.

22 (new). A compound according to claim 1 being selected from: (±)-1-Amino-3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,

(±)-1-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo(4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,

2-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]methyl]-2-ethyl-1,3-propanediol,

(±)-β-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-

chlorobenzenepropanol,

(±)-3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1,2-propanediol,

2-[[2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethyl]amino]ethanol,

3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

(±)-α-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]methyl]-3,4-dichlorobenzenepropanol,

1-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-2-propanol,

2-[2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]ethoxy]ethanol,

5-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol, and their pharmaceutically acceptable salts and solvates.

23 (new). A compound according to claim 1 being selected from:

(2*S*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-(methylthio)-1-butanol,

2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]butylamino]ethanol,

2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]propylamino]ethanol,

2,2'-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo(4,5-*d*]pyrimidin-7-yl]imino]bisethanol,
2-[[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-(2-hydroxyethyl)amino]methyl]phenol,
3-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-(2-hydroxyethyl)amino]-1-propanol,
(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-pyrrolidinol,
(*trans*)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-hydroxy-*L*-proline phenylmethyl ester,
(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinemethanol,
(±)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinol, and their pharmaceutically acceptable salts and solvates.

24 (new). A compound according to claim 1 being selected from:

(2*S*)-1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-2-pyrrolidinemethanol,
1-[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo(4,5-*d*]pyrimidin-7-yl]-4-piperidinol,
(2*R*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,
(2*S*)-2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

(2*R*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,
2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1,3-propanediol,
2-[[2-Amino-5-[[[(3-phenoxyphenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,
2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,
1-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-2-propanol,
5-[[[(2,3-Difluorophenyl)methyl]thio]-*N*⁷-(2-fluoroethyl)thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
(1*R-trans*) 2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-cyclopentanol, and their pharmaceutically acceptable salts and solvates.

25 (new). A compound according to claim 1 being selected from:

(1*S-trans*) 2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-cyclopentanol,
2-[[2-Amino-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,
2-Methyl-2-[[2-(methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,
2-[[2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(phenylmethyl)amino]thiazolo[4,5-

d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,
5-[[[(2,3-Difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,
(±)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-
butanol,
(1*S*,2*S*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-
yl]amino]-cyclohexanol,
(±)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-
1-propanol,
2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-
ethanol,
(2*R*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-
4-methyl-1-pentanol,
(±)-1-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-
propanol, and their pharmaceutically acceptable salts and solvates.

26 (new). A compound according to claim 1 being selected from:

2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-
methyl-1,3-propanediol,
1-[[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-
yl]amino]methyl]-cyclohexanol,
(2*R*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-
1-butanol,
2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-(2-

aminoethyl)amino]-1-ethanol,

2-[2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-

yl]amino]ethoxy]-1-ethanol,

(αS)- α -[(1*R*)-1-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]methylamino]ethyl]-benzenemethanol,

1-[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-piperidinol,

5-[[[(2,3-Difluorophenyl)methyl]thio]-*N*⁷-ethyl-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

5-[[[(2,3-Difluorophenyl)methyl]thio]-*N*⁷-(2-propenyl)-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

(1*S*,2*S*)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-phenyl-1,3-propanediol,

2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1,3-propanediol, and their pharmaceutically acceptable salts and solvates.

27 (new). A compound according to claim 1 being selected from:

2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-ethanol,

(\pm)-5-[[[(2,3-Difluorophenyl)methyl]thio]-*N*⁷-(2-methoxy-1-methylethyl)-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

*N*⁷-Cyclopropyl-5-[[[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

(\pm)-2-[[2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

4-[[[(2-Amino-5-[[[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

5-[[[(2,3-Difluorophenyl)methyl]thio]-*N*⁷-[2-(1*H*-imidazol-4-yl)ethyl]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,

(±)-*N*-[5-[[[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-dimethylethyl)amino]thiazolo[4,5-*d*]pyrimidin-2-yl]-serine, methyl ester,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1-methylethyl)amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-(ethylamino)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(1*H*-indol-3-yl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol, and their pharmaceutically acceptable salts and solvates.

28 (new). A compound according to claim 1 being selected from:

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1-naphthalenylmethyl)amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1,2-diphenylethyl)amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(2,2,2-trifluoroethyl)amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[[(3,4,5-trimethoxyphenyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-

propanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thiol-2-[(1,1-dimethylethyl)amino]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[(4-methylcyclohexyl)amino]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-
dimethylethyl)amino]thiazolo[4,5-d]pyrimidin-2-yl]amino]-acetamide,

2-[[2-[[2-(4-Aminophenyl)ethyl]amino]-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-2-methyl-1-propanol, and their pharmaceutically acceptable
salts and solvates.

29 (new). A compound according to claim 1 being selected from:

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[(2-fluoroethyl)amino]thiazolo[4,5-d]pyrimidin-7-
yl]amino]-2-methyl-1-propanol,

2-[[2-(Cyclopropylamino)-5-[(2,3-difluorophenyl)methyl]thio]thiazolo[4,5-d]pyrimidin-7-
yl]amino]-2-methyl-1-propanol,

(±)-2-[[5-[(2,3-Difluorophenyl)methyl]thio]-7-[(2-hydroxy-1,1-
dimethylethyl)amino]thiazolo[4,5-d]pyrimidin-2-yl]amino]-1-pentanol,

2-[[5-[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-hydroxyethoxy)ethyl]amino]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

N-[5-[(2,3-Difluorophenyl)methyl]thio]-6,7-dihydro-7-oxo-thiazolo[4,5-d]pyrimidin-2-yl]-

DL-serine, methyl ester,

5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(1-methylethyl)amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(1*H*-indol-3-yl)ethyl]amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-[[5-[[[(2,3-Difluorophenyl)methyl]thio]-6,7-dihydro-7-oxo-thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-acetamide,

2-[[2-(4-Aminophenyl)ethyl]amino]-5-[[[(2,3-difluorophenyl)methyl]thio]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[(2-fluoroethyl)amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

5-[[[(2,3-Difluorophenyl)methyl]thio]-2-[[2-(2-hydroxyethoxy)ethyl]amino]-thiazolo[4,5-*d*]pyrimidin-7(4*H*)-one,

2-[[2-(Cyclohexylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl] amino]-2-methyl-1-propanol, and their pharmaceutically acceptable salts and solvates.

30 (new). A compound according to claim 1 being selected from:

2-[[2-[(1,1-Dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

N-[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]-DL-alanine, methyl ester,

4-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo(4,5-*d*]pyrimidin-2-yl]amino]-cyclohexanol,

2-Methyl-2-[[2-[(4-phenylbutyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-Methyl-2-[[2-[(1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-[[2-[[2-(4-Aminophenyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

N-[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]-L-valine, ethyl ester,

(2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-4-methyl-pentanamide,

2-Methyl-2-[[2-[(2-phenylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-[[2-[[4-Aminophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol, and their pharmaceutically acceptable salts and solvates.

31 (new). A compound according to claim 1 being selected from:

2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-[[2-[(2-Fluoroethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-Methyl-2-[[2-[[[(3-nitrophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-1-propanol,
(αR)- α -[(1*S*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-
[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl] amino]ethyl]-benzenemethanol,
2-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[[(3,4,5-
trimethoxyphenyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,
2-Methyl-2-[[2-[(1*R*-trans)-(2-phenylcyclopropyl)amino]-5-
[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,
2-[[2-[[2-(1*H*-Indol-3-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-
yl]amino]-2-methyl-1-propanol,
2-[[2-[(1,1 -Dimethylpropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-
yl]amino]-2-methyl-1-propanol,
(\pm)-2-Methyl-2-[[2-[(1-methylbutyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-
7-yl]amino]-1-propanol,
(\pm)-2-Methyl-2-[[2-[(1-methylhexyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-
7-yl]amino]-1-propanol,
2-[[2-[[[(2-Aminophenyl)methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-
yl]amino]-2-methyl-1-propanol,
2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-
d]pyrimidin-2-yl]amino]-1,3-propanediol, and their pharmaceutically acceptable salts and
solvates.

32 (new). A compound according to claim 1 being selected from:

2-[[2-[[2-(Ethylthio)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-3,3-dimethyl-1-butanol,

(α *S*)- α -[(1*R*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-

[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-2-methoxyethyl]-benzenemethanol,

2-[[2-(Ethylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[2-[[[3-Fluoro-5-(trifluoromethyl)phenyl]methyl]amino]-5-

[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(\pm)-2-Methyl-2-[[2-[(1-methylpropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

2-[[2-[[4-Methoxyphenyl]methyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[2-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[2-[(Diphenylmethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo(4,5-*d*]pyrimidin-2-yl]amino]-1-butanol, and their pharmaceutically acceptable salts and

solvates.

33 (new). A compound according to claim 1 being selected from:

2-[[2-[(2,2-Diethoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

4-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-1-butanol,

(1*S*,2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-cyclohexanol,

(±)-2-[[2-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

2-[[2-[(2-(2-Hydroxyethoxy)ethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(±)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-1-pentanol,

2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-acetamide,

(±)-2-[[2-[[1-(4-Fluorophenyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-propanol,

(1*R*,2*S*)-2-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-cyclohexanol,

(*αS*)-*α*-[(1*R*)-1-[[7-[(2-Hydroxy-1,1-dimethylethyl)amino]-5-

[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-benzenemethanol,

(±)-2-[[2-(Methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol, and their pharmaceutically acceptable salts and solvates.

34 (new). A compound according to claim 1 being selected from:

(2*R*)-4-Methyl-2-[[2-(methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol,

N-[2-(Methylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester,

(±)-2-[[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

(±)-2-[[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

(2*R*)-4-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol,

N-[5-[(Phenylmethyl)thio]-2-[[[(tetrahydro-2-furanyl)methyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester,

(±)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,

(±)-4-[2-[[7-[[1-(Hydroxymethyl)propyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,

(±)-4-[2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,

4-[2-[[7-[[1*R*]-1-(Hydroxymethyl)-3-methylbutyl]amino]-5-

[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,
(±)-4-[2-[[7-[(2-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-benzenesulfonamide,
*N*⁷-Ethyl-*N*²-[2-(1*H*-imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidine-2,7-diamine, and their pharmaceutically acceptable salts and solvates.

35 (new). A compound according to claim 1 being selected from:

*N*²-[2-(1*H*-Imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]-*N*⁷-(3-pyridinylmethyl)-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
(±)-2-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,
(±)-2-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,
(2*R*)-2-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,
(±)-1-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,
5-[[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol,
1-[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-(phenylmethyl)-4-piperidinol,
(±)-1-[2-[[2-(1*H*-Imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinecarboxamide,

2-[Ethyl[2-[[2-(1*H*-imidazol-4-yl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-ethanol,
*N*²-[2-(1*H*-imidazol-4-yl)ethyl]-*N*⁷,*N*⁷-dimethyl-5-[(phenylmethyl)thio]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
*N*⁷-[2-(Diethylamino)ethyl]-*N*⁷-ethyl-*N*²-[2-(1*H*-imidazol-4-yl)ethyl]-5-[(phenylmethyl)thio]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine, and their pharmaceutically acceptable salts and solvates.

36 (new). A compound according to claim 1 being selected from:

*N*²-(2-Phenoxyethyl)-5-[(phenylmethyl)thio]-*N*⁷-(3-pyridinylmethyl)-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
*N*²-(2-Phenoxyethyl)-*N*⁷-[1-(phenylmethyl)-4-piperidinyl]-5-[(phenylmethyl)thio]-thiazolo[4,5-*d*]pyrimidine-2,7-diamine,
2-Methyl-2-[[2-[(2-phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,
(±)-2-[[2-[(2-Phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,
(±)-4-Methyl-2-[[2-[(2-phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-pentanol,
1-[2-[(2-Phenoxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-4-(phenylmethyl)-4-piperidinol,
2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo(4,5-*d*]pyrimidin-7-yl] amino]-1-propanol,

(2*R*)-2-[[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,

N-[2-(Cyclopropylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester,

(2*R*)-2-[[2-[[1-(Hydroxymethyl)butyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,

N-[2-[[1-(Hydroxymethyl)butyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-L-serine, ethyl ester, and their pharmaceutically acceptable salts and solvates.

37 (new). A compound according to claim 1 being selected from:

(±)-2-[[7-[Cyclohexyl(2-hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-1-pentanol,

2-[2-[[7-(Ethylamino)-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethoxy]-1-ethanol,

2-[2-[[7-[(1-Methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethoxy]-1-ethanol,

(±)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,

2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-methyl-1-propanol,

(2*R*)-2-[[2-[[2-(2-Hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo(4,5-

d]pyrimidin-7-yl]amino]4-methyl-1-pentanol,
2-[Cyclohexyl-2-[[2-(2-hydroxyethoxy)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-1-ethanol,
(±)-2-[[5-[(Phenylmethyl)thio]-2-(4-piperidinylamino)thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-
1-propanol,
(±)-*N*-[2-[[7-[[1-(Hydroxymethyl)propyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-
d]pyrimidin-2-yl]amino]ethyl]-acetamide,
(±)-*N*-[2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-
d]pyrimidin-2-yl]amino]ethyl]-acetamide,
N-[2-[[7-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-
yl]amino]ethyl]-acetamide, and their pharmaceutically acceptable salts and solvates.

38 (new). A compound according to claim 1 being selected from:

N-[2-[[7-[[(1*R*)-1-(Hydroxymethyl)-3-methylbutyl]amino]-5-
[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]ethyl]-acetamide,
*N*⁷-(2-Methoxyethyl)-5-[(phenylmethyl)thiol]-*N*²-[2-(2-thienyl)ethyl]thiazolo[4,5-
d]pyrimidine-2,7-diamine,
*N*⁷-(2-Ethoxyethyl)-5-[(phenylmethyl)thiol]-*N*²-[2-(2-thienyl)ethyl]thiazolo[4,5-*d*]pyrimidine-
2,7-diamine,
*N*⁷-(2,2-Dimethylpropyl)-5-[(phenylmethyl)thiol]-*N*²-[2-(2-thienyl)ethyl]thiazolo[4,5-
d]pyrimidine-2,7-diamine,
(2*R*)-4-Methyl-2-[[5-[(phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-1-pentanol,

(±)-1-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-2-propanol,
(±)-2-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol,
(±)-2-[[5-[(Phenylmethyl)thio]-2-[[2-(2-thienyl)ethyl]amino]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,
(2*R*)-2-[[2-[(2-Hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,
(±)-*N,N*-Diethyl-1-[2-[(2-hydroxyethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]-3-piperidinecarboxamide,
(2*R*)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-4-methyl-1-pentanol,
(±)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-butanol, and their pharmaceutically acceptable salts and solvates.

39 (new). A compound according to claim 1 being selected from:

(±)-2-[[2-[(3-Hydroxypropyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-yl]amino]-1-propanol,
2-[[7-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]amino]-acetamide,
4-[1-[7-[(4-Methylcyclohexyl)amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-2-yl]-3-azetidiny]-1-piperazinesulfonamide,
3-[[2-[[2-(4-Morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-

yl]amino]-1-propanol,

2-Methyl-2-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-
d]pyrimidin-7-yl]amino]-1-propanol,

(±)-2-[[2-[[2-(4-Morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo[4,5-*d*]pyrimidin-7-
yl]amino]-1-propanol,

(2*R*)-4-Methyl-2-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-[(phenylmethyl)thio]thiazolo(4,5-
d]pyrimidin-7-yl]amino]-1-pentanol,

2-[[2-(3,4-Dihydroxyphenyl)ethyl]amino]-5-[(phenylmethyl)thio]-thiazolo[4,5-*d*]pyrimidin-
7(4*H*)-one,

(±)-2-[(2-Hydroxy-1-methylethyl)amino]-5-[(phenylmethy)thio]-thiazolo[4,5-*d*]pyrimidin-
7(4*H*)-one, and their pharmaceutically acceptable salts and solvates.